




Montana Department of Transportation
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Memorandum

To: Distribution

From: Lisa Durbin, P.E., 
Construction Administration Services Engineer

Date: August 27, 2003

Subject: Concrete Median Barrier Rail

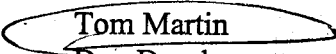
Through a joint effort between Preconstruction, Traffic Safety, Maintenance, Construction and the FHWA, a new concrete median barrier rail and pin connection has been developed and tested to meet NCHRP 350 requirements. The new section and pin connection has been incorporated into the Detailed Drawings and will be released with the December letting.

The new median barrier section utilizes three loops and a heavier rebar cage. The length of the section has been maintained at 10 feet (3.05 m) to allow connections to be made with existing barrier.

In addition to the changes in the median barrier section, the method of measurement is being revised. It has been determined by field personnel that the most accurate method of measuring barrier rail is by the each (10 ft) section. Due to the gaps between sections, measurements by the meter lead to inconsistencies and errors in quantities.

Effective with projects in the December letting, please change the measurement for Concrete Median Barrier from meters to each.

LD:ld

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